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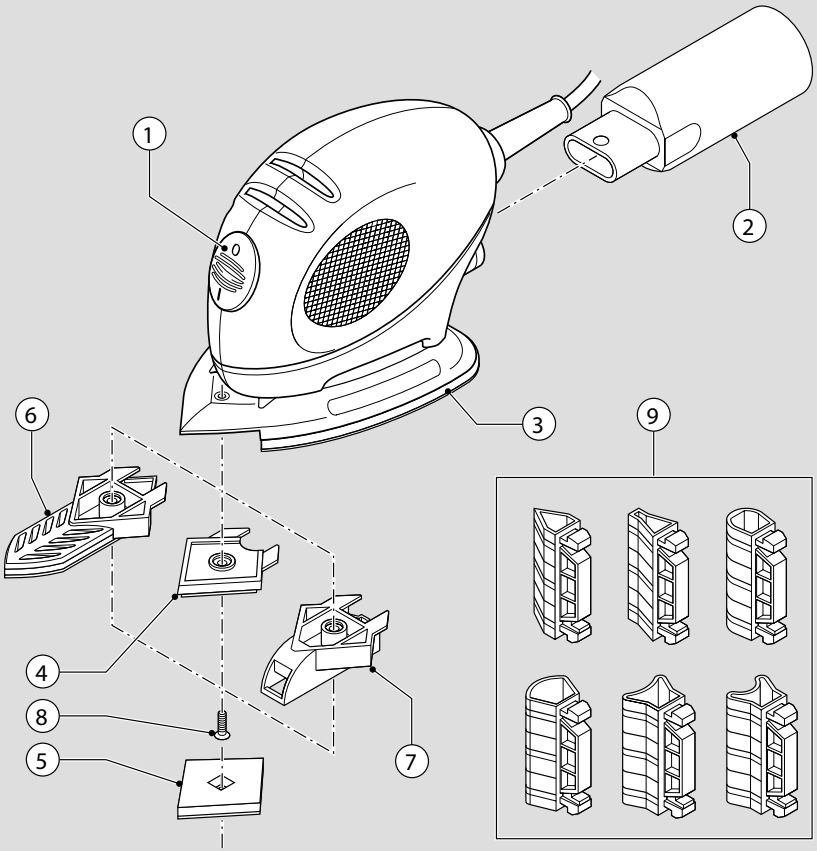

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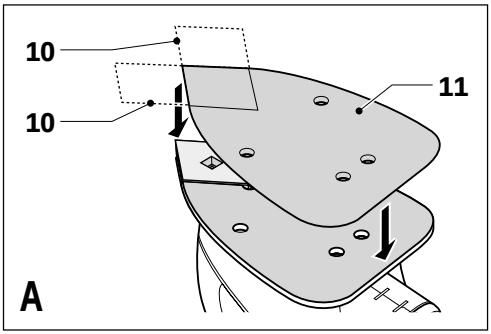
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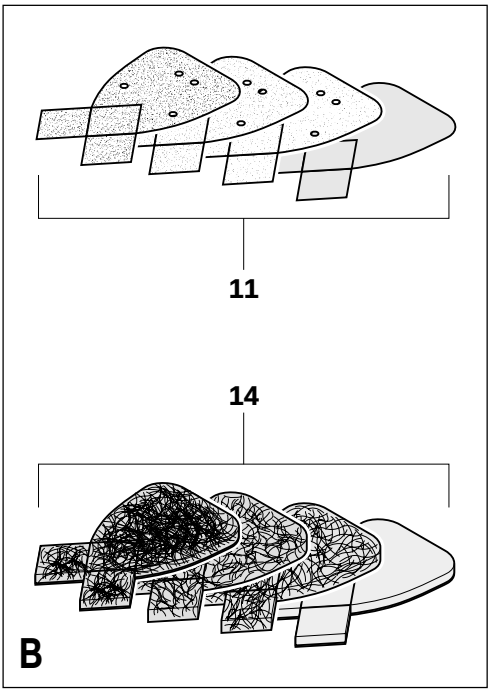
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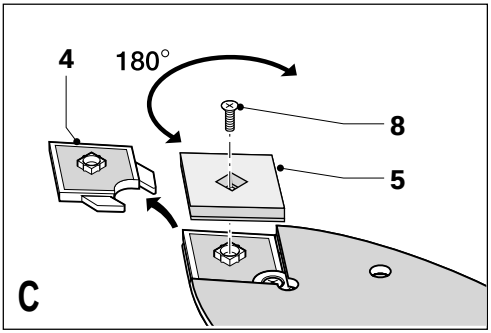
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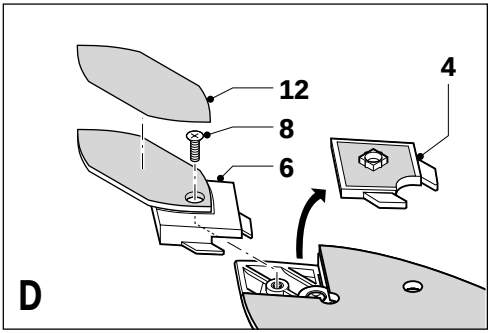
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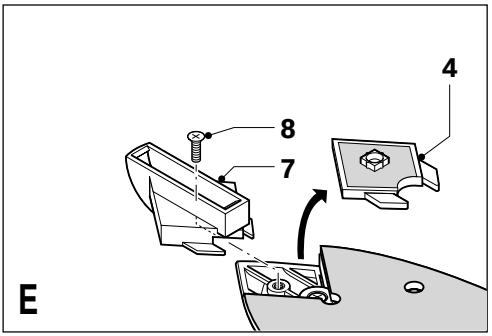
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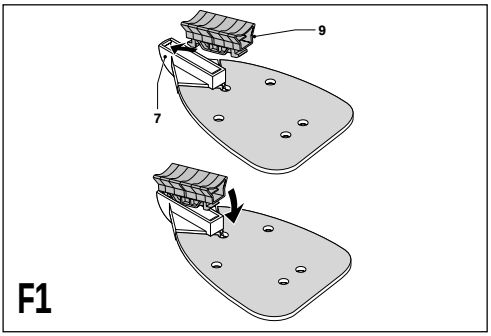
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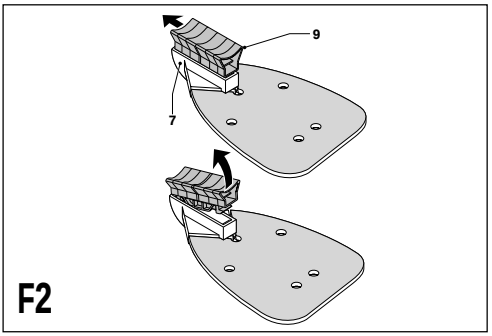
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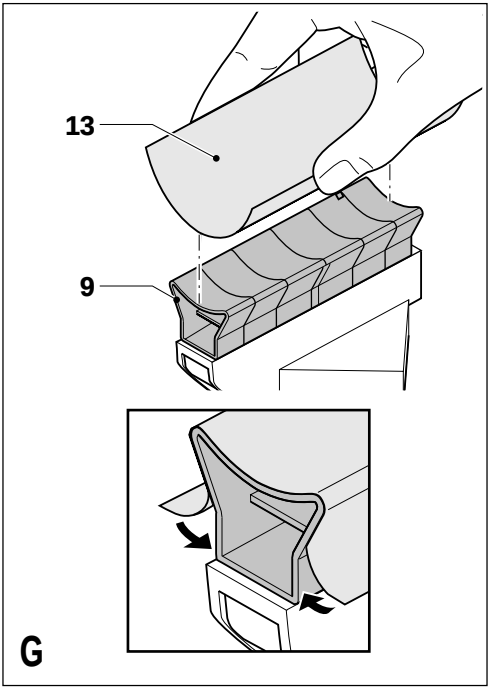
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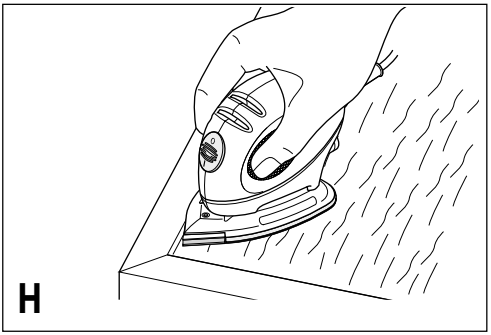
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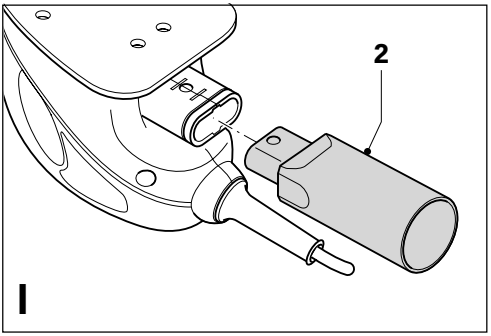
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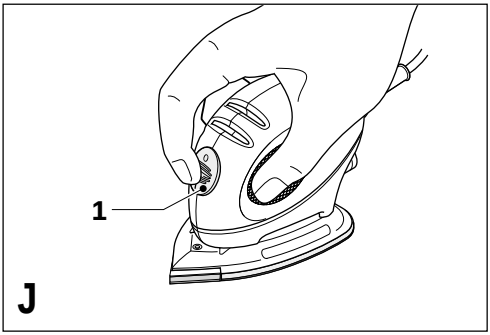
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Intended use

Your Black & Decker sander has been designed for sanding and polishing wood, metal, plastics and painted surfaces. This tool is intended for consumer use only.

General safety rules

Warning! Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term "power tool" in all of the warnings listed below refers to your mains operated (corded) power tool or battery operated (cordless) power tool.
SAVE THESE INSTRUCTIONS.

1. Work area

a. Keep work area clean and well lit.
Cluttered and dark areas invite accidents.

b. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.
Power tools create sparks which may ignite the dust or fumes.

c. Keep children and bystanders away while operating a power tool.
Distractions can cause you to lose control.

2. Electrical safety

a. Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.
Unmodified plugs and matching outlets will reduce risk of electric shock.

b. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.
There is an increased risk of electric shock if your body is earthed or grounded.

c. Do not expose power tools to rain or wet conditions.
Water entering a power tool will increase the risk of electric shock.

d. Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.
Damaged or entangled cords increase the risk of electric shock.

e. When operating a power tool outdoors, use an extension cord suitable for outdoor use.
Use of a cord suitable for outdoor use reduces the risk of electric shock.

3. Personal safety

a. Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.
A moment of inattention while operating power tools may result in serious personal injury.

b. Use safety equipment. Always wear eye protection.
Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

c. Avoid accidental starting. Ensure the switch is in the off position before plugging in.
Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.

d. Remove any adjusting key or wrench before turning the power tool on.
A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

e. Do not overreach. Keep proper footing and balance at all times.
This enables better control of the power tool in unexpected situations.

f. Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.
Loose clothes, jewellery or long hair can be caught in moving parts.

g. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.
Use of these devices can reduce dust related hazards.

4. Power tool use and care

a. Do not force the power tool. Use the correct power tool for your application.
The correct power tool will do the job better and safer at the rate for which it was designed.

b. Do not use the power tool if the switch does not turn it on and off.
Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
Such preventive safety measures reduce the risk of starting the power tool accidentally.

d. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.
Power tools are dangerous in the hands of untrained users.

e. **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use.**
Many accidents are caused by poorly maintained power tools.

f. **Keep cutting tools sharp and clean.**
Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g. **Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed.**
Use of the power tool for operations different from those intended could result in a hazardous situation.

5. Service

a. **Have your power tool serviced by a qualified repair person using only identical replacement parts.**
This will ensure that the safety of the power tool is maintained.

Additional safety instructions for sanders

- **Hold the tool by the insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord.** Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.
- **Use clamps or another practical way to secure and support the workpiece to a stable platform.** Holding the work by hand or against your body leaves it unstable and may lead to loss of control.
- **Warning!** Contact with or inhalation of dusts arising from sanding applications may endanger the health of the operator and possible bystanders. Wear a dust mask specifically designed for protection against dust and fumes and ensure that persons within or entering the work area are also protected.
- Thoroughly remove all dust after sanding.
- Take special care when sanding paint which is possibly lead based or when sanding some woods and metal which may produce toxic dust.
- Do not let children or pregnant women enter the work area.
- Do not eat, drink or smoke in the work area.
- Dispose of dust particles and any other debris safely.
- This appliance is not intended for use by young or infirm persons without supervision. Children must be supervised to ensure they do not play with the appliance.

Electrical safety

This tool is double insulated; therefore no earth wire is required. Always check that the power supply corresponds to the voltage on the rating plate.

- If the supply cord is damaged, it must be replaced by the manufacturer or an authorised Black & Decker Service Centre in order to avoid a hazard.

Features

This tool includes some or all of the following features.

1. On/off switch
2. Dust extraction connector
3. Base
4. Tip holder
5. Sanding base tip
6. Finger attachment
7. Profile attachment
8. Screw
9. Sanding profiles

In addition, this tool is supplied with some or all of the following accessories:

Accessory	Recommended application and use
◆ Coarse grit sandpaper	Fast paint, varnish and rust removal
◆ Medium grit sandpaper	Paint, varnish and rust removal
◆ Fine grit sandpaper	Surface blending and finishing
◆ Extra fine grit sandpaper	Sanding between coats
◆ Detail sanding tips	Corners and hard to reach places
◆ 1 OT polishing/stripping wool	Polishing metals, stripping varnish and glass cleaning
◆ Grey foam pad	Applying and removing polish
◆ Red non-woven pad	Heavy scrubbing and rust removal
◆ Grey abrasive paper	Polishing plastics
◆ Contour attachments	Curves and profiles

Assembly

Warning! Before assembly, make sure that the tool is switched off and unplugged.

Fitting sanding sheets (fig. A & B)

- Detach the two diamond-shaped tips (10) from the sanding sheet (11).
- Hold the tool with the sanding base facing upwards.
- Place the sanding sheet (11) onto the sanding base, making sure that the holes in the sheet line up with the holes in the base.

The diamond-shaped tip (10) can be reversed and replaced when worn.

- When the front part of the tip is worn, detach it from the sheet, reverse it and press it onto the sanding base again.
- When the whole tip is worn, remove it from the sanding base and fit a new tip.
- The polishing foam and pads (14) can be fitted the same way as the sanding sheets.

Tip of the sanding base (fig. C)
When the sanding base tip (5) or tip holder (4) is worn, it can be reversed or replaced. Spare parts are available from your Black & Decker dealer.
- Remove the screw (8).
- Reverse or replace the worn part.
- Fit and tighten the screw.

Finger attachment (fig. D)
The finger attachment is used for fine detail sanding.
- Remove the screw (8).
- Remove the diamond-shaped tip holder (4) from the sanding base.
- Fit the finger attachment (6) onto the sanding base.
- Fit and tighten the screw.
- Fit the appropiate sanding sheet (12) onto the finger attachment.

Profile attachment (KA161K only) (fig. E)
The profile attachment is used for contour sanding.
- Remove the screw (8).
- Remove the diamond-shaped tip holder (4) from the sanding base.
- Fit the profile attachment (7) onto the sanding base.
- Fit and tighten the screw.

Fitting and removing a sanding profile (fig. F1 & F2)
- Choose the sanding profile most suitable for your application.
- Place one end of the sanding profile (9) into the recess at the front end of the profile holder (7).
- Push the other end of the sanding profile until it clicks into place.
- To remove the sanding profile, push it forward and pull the rear end out of the profile holder (fig. F2).

Fitting a sanding sheet onto a sanding profile (fig. G)
- Align the sanding sheet (13) with the sanding profile (9).
- Press the sanding sheet onto the sanding profile, making sure that the sanding sheet follows the shape of the profile.

Use
Warning! Do not cover the ventilation slots when using the tool. Hold the tool as shown in fig. H. Make sure that the sanding base is flat on the workpiece.

Connecting a vacuum cleaner (fig. I)
The tool has an adaptor to connect it to a vacuum cleaner when sanding wood. To connect the tool to a vacuum cleaner, proceed as follows:
Warning! Make sure that the tool is switched off and unplugged.
- Fit the dust extraction connector (2) onto the adapter at the back of the tool.
- Connect the hose of a suitable vacuum cleaner to the connector.

Switching on and off (fig. J)
Warning! Before connecting the tool to the power supply, make sure it is switched off.
- To switch the tool on, press the part of the on/off switch (1) marked 'I'.
- To switch the tool off, press the part of the on/off switch (1) marked '0'.

Accessories
The performance of your tool depends on the accessory used. Black & Decker and Piranha accessories are engineered to high quality standards and designed to enhance the performance of your tool. By using these accessories you will get the very best from your tool.

Maintenance
Your tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.
- Clear the cooling vents and slots with a clean, dry paint brush.
- Clean the housing with a clean, damp cloth. Do not use solvents.

Mains plug replacement (U.K. & Ireland only)
If a new mains plug needs to be fitted:
- Safely dispose of the old plug.
- Connect the brown lead to the live terminal in the new plug.
- Connect the blue lead to the neutral terminal.

Warning! No connection is to be made to the earth terminal. Follow the fitting instructions supplied with good quality plugs. Recommended fuse: 5 A.

Protecting the environment

Black & Decker provides a facility for recycling Black & Decker products once they have reached the end of their working life. This service is provided free of charge. To take advantage of this service please return your product to any authorised repair agent who will collect them on our behalf.

You can check the location of your nearest authorised repair agent by contacting your local Black & Decker office at the address indicated in this manual. Alternatively, a list of authorised Black & Decker repair agents and full details of our after-sales service and contacts are available on the Internet at: www.2helpU.com .

Technical data

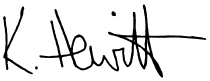
	KA161/KA161B/KA161K	
Voltage	V_{AC}	230-240
Power input	W	55
No-load speed	min^{-1}	11,000

EC declaration of conformity

Black & Decker declares that these products, KA161/ KA161B/ KA161K,

conform to:
98/37/EC, 89/336/EEC, 73/23/EEC, EN50144, EN55014, EN61000

L_{pA} (sound pressure): 66 dB(A), L_{WA} (acoustic power) 79 dB(A), hand/arm weighted vibration $< 2.5\ m/s^2$



Kevin Hewitt
Director of Consumer Engineering
Spennymoor, County Durham DL16 6JG,
United Kingdom

Guarantee

Black & Decker is confident of the quality of its products and offers an outstanding guarantee. This guarantee statement is in addition to and in no way prejudices your statutory rights. The guarantee is valid within the territories of the Member States of the European Union and the European Free Trade Area.

If a Black & Decker product becomes defective due to faulty materials, workmanship or lack of conformity, within 24 months from the date of purchase, Black & Decker guarantees to replace defective parts, repair products subjected to fair wear and tear or replace such products to ensure minimum inconvenience to the customer unless:

- The product has been used for trade, professional or hire purposes;
- The product has been subjected to misuse or neglect;
- The product has sustained damage through foreign objects, substances or accidents;
- Repairs have been attempted by persons other than authorised repair agents or Black & Decker service staff.

To claim on the guarantee, you will need to submit proof of purchase to the seller or an authorised repair agent. You can check the location of your nearest authorised repair agent by contacting your local Black & Decker office at the address indicated in this manual. Alternatively, a list of authorised Black & Decker repair agents and full details of our after-sales service and contacts are available on the Internet at: www.2helpU.com

For Australian and New Zealand warranty information refer to the "BLACK&DECKER GUARANTEE CARD" provided with this product.

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Black&Decker New Zealand
5 Te Apunga Place Phone: + 64 9 259 1111
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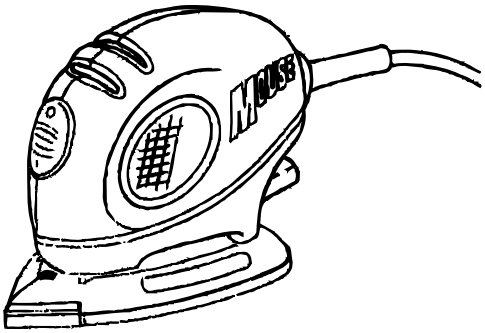

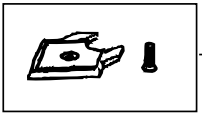

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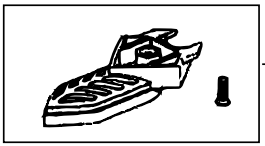

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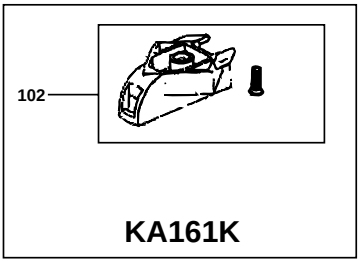

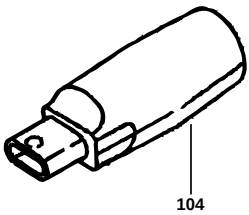

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